

## MIXING GUIDE

# Ultracolor Plus

### ULTRACOLOR PLUS

High performance, polymer modified, cementitious grout.

- Flexible
- Fast Setting & Drying
- Anti-mould with BioBlock®
- Water-repellent with DropEffect®
- Anti-efflorescence
- Walls & Floors, Interior & Exterior
- 27 colours complimented by MAPESIL AC Silicone Sealant. New colour grout added - 299 Limestone.



If you are new to ULTRACOLOR PLUS please take just a few moments to carefully read these mixing guidelines in order to ensure a uniform colourfast finish.

A 5kg bag will require approx. 1.0 to 1.15\* litres of clean water

A 2kg bag will require approx. 0.40 to 0.46\* litres of clean water

\*depending on colour

### Preparing the substrate

Prepare the grout joint in the normal manner i.e. the tile adhesive should be completely set and dry and any adhesive residue or dust should be removed immediately. The grout joints should be empty down to  $\frac{2}{3}$  of the tile thickness to allow a suitable grout bed. With very absorbent tiles, high temperatures or in windy conditions, dampen the joints with clean water prior to grouting. Do not saturate the joint.

### Preparing the mix

1. Add the least amount of water recommended (see above) to a clean, container free from any chemicals/solvents or other contamination. Add half the bag of grout and mix. (See Step 2). Add the remainder of the bag and mix again.
2. Mix with a low speed mechanical mixer to avoid air entrapment (a 2-speed domestic drill with an appropriate paddle will suffice) until a smooth paste is achieved. The grout may appear very dry at this stage.
3. Do not add more water. The paste may initially appear stiff but will slacken after the next stage.
4. Let the mix stand for 2-3 minutes to allow it to slacken.
5. Stir again thoroughly before use. If the mix still appears stiff you may add a little water at this stage. Do not add more water than the max. stated amount. Thoroughly mix.
6. Use the mix within 20-25 minutes (the pot life may be increased by regular stirring). Do not re-life by adding additional water.



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## MIXING GUIDE cont . . .

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### Applying the grout

1. As ULTRACOLOR PLUS is fast-setting and drying, work in smaller areas than you might normally do with a standard setting grout. 1-2m<sup>2</sup> is ideal, dependent on tile size.
2. Completely fill the joints with grout using a grout float or rubber squeegee without leaving any gaps or steps. Ensure tile joint is well compacted.
3. Remove any excess from the surface by moving the float diagonally to the joints while the mix is still fresh.



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### Finishing

1. In 1-2m<sup>2</sup> areas, wipe the whole area with a damp sponge to 'emulsify' and then strike the joints with the edge of a damp (not soaking wet) sponge to close the joints, and leave a neat compact finish.
2. After approx. 15-30 minutes clean off any excess grout with a damp (not soaking wet) sponge, working in a diagonal direction to the joints, keeping the sponge flat to the tiles. Rinse the sponge frequently using 2 separate containers of water, one to remove the excess grout, the other containing clean water, to rinse the sponge clean.
3. Take care not to clean up too soon as the grout may be removed from the joints if still too wet.
4. Final cleaning of any powdery film from the surface may be carried out with a clean dry cloth or damp sponge.

### Further information:

Coloured grouts may stain certain tile types. Use a sealer as necessary. Rough textured tiles may require a sealer to suit the tiles, consult tile manufacturers/suppliers recommendations.

High gloss finished tiles/mosaics (glass, highly polished porcelain) may scratch when grouting. We would recommend that a small trial area is completed and evaluated prior to proceeding.

Ultracolor Plus is produced to exacting quality assurance measures, there may however be small variations between batches. When grouting large areas always ensure the grout used is from the same batch.

**Technical and Safety Data Sheets and further technical advice can be obtained from Mapei's Technical Services Department:**

**Tel: 0121 508 6970 - Select Option 2**

**Email: [technical@mapei.co.uk](mailto:technical@mapei.co.uk)**

**Website for Technical & Safety Data Sheet**

**Download: [www.mapei.co.uk](http://www.mapei.co.uk)**

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